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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/982,353	10/16/2001	Mark Day	3330/50	6716

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EXAMINER

PHAN, JOSEPH T

ART UNIT PAPER NUMBER

2645

DATE MAILED: 02/12/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

✓

Office Action Summary

Application No.

09/982,353

Applicant(s)

DAY, MARK

Examiner

Joseph T Phan

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4 an 6.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Objections

1. Claim 1 is objected to because of the following informalities: In line 8, the term "ore" is not understood. Examiner will treat as "or" as in claim 10. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-18 rejected under 35 U.S.C. 102(e) as being anticipated by

Fraccaroli, Patent #6,549,768.

Regarding claims 1 and 10, Fraccaroli teaches a method and program code for informing remote clients as to the presence status of a device, the method comprising: recording a presence status of a first device to create an observed presence profile(col.4 lines 12-63 and col.9 line 25-col.10 line 15; an observed presence profile is created each time the subscriber registers/is recorded in a new cell area and his/her location profile is updated).

comparing the observed presence profile with one or more model presence profiles to compute a closest matching model presence profile[*col.5 lines 4-48 and col.10 lines 40-51; the newly registered presence profile(entering subscriber) is compared to other model presence profiles(other mobile subscribers) in the same area and Fraccaroli's server computes a closest matching profile of the two mobile subscribers*]; and transmitting information representing the closest matching model presence profile to one or more devices(*col.10 line 40-col.11 line 11; transmits prompt and dials number information of the closest presence profile to a mobile subscriber*).

Regarding claims 2 and 11, Fraccaroli teaches the method and program code of claims 1 and 10, the method comprising:

dividing a block of time into one or more discrete time periods, recording the first device's presence status over the time period; and creating an observed presence profile from the first device's recorded presence status(*col.4 lines 12-63*).

Regarding claims 3 and 12, Fraccaroli teaches the method and program code of claims 1 and 10 comprising comparing the observed presence profile with the model presence profiles when requested by the one or more devices(*col.9 line 25-col.10 line 67*).

Regarding claims 4 and 13, Fraccaroli teaches the method and program code of claims 1 and 10 comprising comparing the observed presence profile with the model presence profiles according to a schedule (*col.9 line 25-col.10 line 67*).

Regarding claims 5 and 14, Fraccaroli teaches the method and program code of

claims 1 and 10 wherein the step of transmitting is executed when requested by the one or more devices(col.9 line 25-col.10 line 67).

Regarding claims 6 and 15, Fraccaroli teaches the method and program code of claims 1 and 10 wherein the step of transmitting is executed according to a schedule(col.9 line 25-col.10 line 67).

Regarding claims 7 and 16, Fraccaroli teaches the method and program code of claims 1 and 10 wherein the step of transmitting information comprises transmitting a status code representing the closest matching model presence profile(col.9 line 25-col.11 line 10).

Regarding claims 8-9 and 17-18, Fraccaroli teaches the method and program code of claims 1 and 10 comprising applying a pattern detection algorithm(Fast Fourier Transformation) to compare the observed presence profile with one or more model profiles to compute the closest matching model presence profile(col.9 line 25-col.10 line 67; FFT is an old and very well-known algorithm).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph T Phan whose telephone number is 703-305-3206. The examiner can normally be reached on M-TH 9:30-6:30, in every other Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on 703-305-4895. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9600.

JTP
January 27, 2004

JTP

FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

